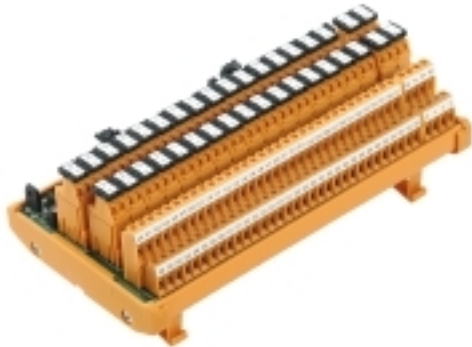


**RSF PLC
RSF PLC 2W 32IO FUS Z**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Compact interfaces for transmitting 32 digital input/output signals (RSF SPS).

- Signals optionally with byte grouping (can be set using jumper).
- Can be switched between positive or negative signal (set with jumper)
- An optional LED status display shows the status and the operating voltages.
- Each circuit can be protected by 5x20 mm individual fuses.
- Available with tension-clamp or screw connection.

General ordering data

Type	RSF PLC 2W 32IO FUS Z
Order No.	1128250000
Version	Interface, RSF PLC, Fuse, 2-wire, Tension clamp connection
GTIN (EAN)	4032248909759
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	200 mm	Length (inches)	7.874 inch
Width	109 mm	Width (inches)	4.291 inch
Height	72 mm	Height (inches)	2.835 inch
Net weight	115 g		

Temperatures

Operating temperature, max.	50 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	-25...50 °C	Storage temperature	-40...60 °C

General data

LED status display per channel	Green (negative -) / red (positive +)	Fuse per channel	500 mA
LED status of the supply voltage	yellow	Power supply fuse	2.5 A
Default setting	Shared minus connection		

Connection data

Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN4 165 1	Number of poles (control side)	40-pole plug
Connection (field side)	LM2NZF 5.08mm	Connection supply	LM2NZF 5.08mm
Wiring system	2-wire		

Ratings data

Operating voltage	24 V DC \pm 10%	Max. current for common pole	3 A
Max. current per channel	1 A	Max. current per byte	2 A

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50 μ s)	0.5 kV	Insulation test voltage	0.35 kVAC

Connection field

Type of connection	Tension clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Sleeve with plastic collar, max.	1.5 mm ²
Min. wire cross-section, AWG	AWG 24	Max. wire cross-section, AWG	AWG 14
Stripping length	7.5 mm		

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Technical data
Supply connection

Type of connection	Tension clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Ferrule with plastic collar, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 24	Wire cross-section, max. AWG	AWG 14
Stripping length	7.5 mm		

Classifications

ETIM 5.0	EC002780	ETIM 6.0	EC002780
eClass 6.2	27-24-22-04	eClass 7.1	27-14-11-52
eClass 8.1	27-14-11-52	eClass 9.0	27-14-11-52
eClass 9.1	27-14-11-52		

Product information

Descriptive text technical data Factory setting: Common negative pole

Approvals

Approvals



ROHS Conform

Downloads

User Documentation [Instruction Manual](#)

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Drawings

